

Message

From: Lyons, John [Lyons.John@epa.gov]
Sent: 6/28/2016 12:19:35 AM
To: Armann, Steve [Armann.Steve@epa.gov]; ZIFF, SARA [ZIFF.SARA@EPA.GOV]
Subject: Fwd: CCAEJ Letter requesting Dioxin like PCB assessment

Fyi

Not sure why I got this. We did meet
With Penny an community folks on Autumnwood at the beginning of June.

Sent from my iPhone

Begin forwarded message:

From: investhazmat@aol.com
Date: June 27, 2016 at 5:16:33 PM PDT
To: Peter.Garcia@dtsc.ca.gov, Dot.Loftstrom@dtsc.ca.gov
Cc: <jburnard@riversideca.gov>, <msoubirous@mac.com>, <msoubirous@riversideca.gov>, <pdavis@riversideca.gov>, <penny.newman@ccaej.org>, <jean.kayano@ccaej.org>, <regaffairs@aol.com>, <kevindaw@aol.com>, <berg.marlene@epa.gov>, <dinan.janine@epa.gov>, <dcarpenter@albany.edu>, <Karen.randles@oehha.ca.gov>
Subject: Re: CCAEJ Letter requesting Dioxin like PCB assessment

Peter,

It has been a week with no response. The original request for information was dated Feb. 29, 2016.
How can you consider soil excavation without addressing this enormous health threat?

Sincerely,

Bruce Bailey
CCAIEJ Member/Advisor
B.S. Civil Engineering, Env. Option
Retired Hazardous Materials Management Specialist
Retired County Haz Mat Response Team member
Former Water District Project Engineer

-----Original Message-----

From: Garcia, Peter@DTSC <Peter.Garcia@dtsc.ca.gov>
To: investhazmat <investhazmat@aol.com>
Sent: Fri, Jun 17, 2016 10:52 am
Subject: RE: CCAEJ Letter requesting Dioxin like PCB assessment

Bruce,

I will give you a definitive date for the response on Monday. Sorry for the delay.

Peter A. Garcia, Chief
Brownfields Restoration and School Evaluation Branch
Cal-EPA
Department of Toxic Substances Control

Peter.garcia@dtsc.ca.gov

W (714) 484-5459

M (714) 715-6332

From: investhazmat@aol.com [<mailto:investhazmat@aol.com>]

Sent: Thursday, June 16, 2016 5:34 PM

To: Garcia, Peter@DTSC <Peter.Garcia@dtsc.ca.gov>

Cc: regaffairs@aol.com; kevindaw@aol.com; arianda.gonzalez@yahoo.com; RMgano@Charter.net; guicela-castro@sbcglobal.net; JM4Machpts@aol.com; johntreyes@sbcglobal.net; marilyn.whitney@sbcglobal.net; myvan1723@hotmail.com; scott.andrews@yahoo.com; Lear, Stacey@DTSC <Stacey.Lear@dtsc.ca.gov>; mmcdaniel@intrinsik.com; penny.newman@ccaej.org; jobmatch@rc-hr.com; jean.kayano@ccaej.org; jburnard@riversideca.gov; msoubirous@riversideca.gov; msoubirous@mac.com; pdavis@riversideca.gov

Subject: Re: CCAEJ Letter requesting Dioxin like PCB assessment

Dear Mr. Garcia,

I am very concerned that it has been over a month since you stated that you would have a complete response to the lack of testing and cleanup for Dioxin and Dioxin Like PCBs and Furans.

The Community and the Working Group have the right to this information for review prior to any excavation at

the Ag Park. Medical evidence indicates health hazards from exposure of Dioxin and Dioxin Like Compounds

in the Parts per Trillion. The Community has a Right to Know. Transparency is needed.

Thank you for your assistance.

Sincerely,

Bruce Bailey

CCAIEJ Member/Advisor

B.S. Civil Engineering, . Option

Retired Hazardous Materials Management Specialist

Retired County Mat Response Team member

Former Water District Project Engineer

-----Original Message-----

From: Garcia, Peter@DTSC <Peter.Garcia@dtsc.ca.gov>

To: investhazmat@aol.com

Cc: jean.kayano@ccaej.org; penny.newman@ccaej.org; Lofstrom, Dot@DTSC <Dot.Lofstrom@dtsc.ca.gov>

Sent: Thu, May 12, 2016 3:16 pm

Subject: RE: CCAIEJ Letter requesting Dioxin like PCB assessment

Bruce,

As I mentioned to Penny in a previous call, we are preparing a response to CCAIEJ's previous letters. As soon as we get the response completed, we can share it with CCAIEJ for review. This would be a good juncture to set up a meeting to go over all remaining issues. We are hoping to complete the response within a couple of weeks.

From: investhazmat@aol.com [<mailto:investhazmat@aol.com>]

Sent: Monday, May 09, 2016 6:17 PM

To: Garcia, Peter@DTSC

Cc: leonido-john.steven@epa.gov; blumenfeld.jared@epa.gov; arobinson@PE.com; penny.newman@ccaej.org; jean.kayano@ccaej.org; msoubirous@riversideca.gov; jburnard@riversideca.gov; pdavis@riversideca.gov; liza@consumerwatchdog.org; kevindaw@aol.com; regaffairs@aol.com; Burns, Gordon@EPA; Mataka, Arsenio@EPA; Mascarenas, Ana@DTSC; Cope,

Grant@EPA; Solomon, Gina@EPA; Lofstrom, Dot@DTSC; burgin.deborah@epa.gov; Solomon, Gina@EPA; Cope, Grant@EPA

Subject: Re: CCAEJ Letter requesting Dioxin like PCB assessment

Peter,

First, your explanation of the PCB Congener TEQ contradicts the updated PEA(page 40),

DTSC Human Health Risk Assessment(HHRA) Note#4 dated Oct. 6, 2015 and Federal EPA Recommended Toxicity Equivalence Factors(TEFs) for Human Health Assessments(EPA/100R 10/005, dated December 2010).

You Failed to calculate a Total Dioxin TEQ because you Failed to test for Dioxins and Furans

as all the documents require.

You also need to correct the Partial TEQ Table which wrongly list the Post Phase(2015) Partial TEQ range as 0-1.04; your calculations on page 5 list the Partial TEQ range from 5.5 to 17.5 pg/g(ppt).

I calculated the PCB Congener TEQ for the 9 samples and found that the actual Partial TEQs range from

10.23 to 29.009 ppt (Average= 20.36 ppt).

(Please provide copies of your TEQ calculations, calculations spread sheets, TEFs used and actual equations used)

Once received, I will have a UCR Professor check your calculations against mine.

The TRC Consultants set the cleanup standard at 4.5 ppt which is the Federal Cancer Screening Level and removed large amounts of contaminated soil over a 4 year period(2009-2013) and since you got caught with high levels, you decided to arbitrarily change the cleanup level without any public review.

Also, since you located two areas with PCBs above Hazardous Waste levels; it would warrent

posting signs on the fence line of the property. Would you want your children playing in

Hazardous Waste? By the way, the site is not entirely fenced and anyone can presently

walk on the property, I have photos.

Lastly, why are you answering my Environmental Justice/Public Participation Complaint when the complaint is against you and your staff; Cal EPA and DTSC Environmental Justice Staff should be investigating this complaint.

Also, SCAQMD does not have oversight or expertise over air monitoring of Hazardous Waste Cleanup sites; the Air Monitoring Plan questions should be reviewed by Federal EPA Superfund Washington D.C.

and OHHEA.

We would like to meet at the Center to discuss these specific issues.

Sincerely,

Bruce Bailey

CCAIEJ Member/Advisor

B.S. Civil Engineering, . Option

Retired Hazardous Materials Management Specialist

Retired County Mat Response Team member

Former Water District Project Engineer

-----Original Message-----

From: Garcia, Peter@DTSC <Peter.Garcia@dtsc.ca.gov>

To: investhazmat <investhazmat@aol.com>

Cc: leonido-john.steven <leonido-john.steven@epa.gov>; blumenfeld.jared <blumenfeld.jared@epa.gov>; cmacduff <cmacduff@PE.com>; penny.newman <penny.newman@ccaej.org>; jean.kayano <jean.kayano@ccaej.org>; msoubirous <msoubirous@riversideca.gov>; jburnard <jburnard@riversideca.gov>; pdavis <pdavis@riversideca.gov>; liza <liza@consumerwatchdog.org>; kevindaw <kevindaw@aol.com>; regaffairs <regaffairs@aol.com>; Burns, Gordon@EPA <Gordon.Burns@calepa.ca.gov>; Mataka, Arsenio@EPA <Arsenio.Mataka@calepa.ca.gov>; Mascarenas, Ana@DTSC <Ana.Mascarenas@dtsc.ca.gov>; Cope, Grant@EPA <Grant.Cope@calepa.ca.gov>; Solomon, Gina@EPA <Gina.Solomon@calepa.ca.gov>; Lofstrom, Dot@DTSC <Dot.Lofstrom@dtsc.ca.gov>; dina.janine <dina.janine@epa.gov>; burgin.deborah <burgin.deborah@epa.gov>; Solomon, Gina@EPA <Gina.Solomon@calepa.ca.gov>; Cope, Grant@EPA <Grant.Cope@calepa.ca.gov>

Sent: Tue, May 3, 2016 4:02 pm

Subject: RE: CCAIEJ Letter requesting Dioxin like PCB assessment

Calibri; panose-1:2 15 5 2 2 2 4 3 2 4; } @font-face {font-family:Tahoma; panose-1:2 11 6 4 3 5 4 4 2 4;} .aolReplacedBody p.MsoNormal,.aolReplacedBody li.MsoNormal,.aolReplacedBody div.MsoNormal {margin:0in; margin-bottom:.0001pt; font-size:12.0pt; font-family:"Times New Roman","serif";} .aolReplacedBody a:link,.aolReplacedBody span.MsoHyperlink {mso-style-priority:99; color:blue; text-decoration:underline;} .aolReplacedBody a:visited,.aolReplacedBody span.MsoHyperlinkFollowed {mso-style-priority:99; color:purple; text-decoration:underline;} .aolReplacedBody p.MsoAcetate,.aolReplacedBody li.MsoAcetate,.aolReplacedBody div.MsoAcetate {mso-style-priority:99; mso-style-link:"Balloon Text Char"; margin:0in; margin-bottom:.0001pt; font-size:8.0pt; font-family:"Tahoma","sans-serif";} .aolReplacedBody span.BalloonTextChar {mso-style-name:"Balloon Text Char"; mso-style-priority:99; mso-style-link:"Balloon Text"; font-family:"Tahoma","sans-serif";} .aolReplacedBody span.EmailStyle20 {mso-style-type:personal-reply; font-family:"Calibri","sans-serif"; color:#1F497D;} .aolReplacedBody .MsoChpDefault {mso-style-type:export-only; font-family:"Calibri","sans-serif";} @page WordSection1 {size:8.5in 11.0in; margin:1.0in 1.0in 1.0in 1.0in;} .aolReplacedBody div.WordSection1 {page:WordSection1;}

Hello Bruce,

I have attached a consolidated response to your emails. If you have any further questions, or need clarification on any of the issues, we would be happy to meet with you to discuss. Thank you.

From: investhazmat@aol.com [<mailto:investhazmat@aol.com>]

Sent: Wednesday, April 27, 2016 10:49 PM

To: Garcia, Peter@DTSC

Cc: leonido-john.steven@epa.gov; blumenfeld.jared@epa.gov; cmacduff@PE.com; penny.newman@ccaej.org; jean.kayano@ccaej.org; msoubirous@riversideca.gov;

jburnard@riversideca.gov; pdavis@riversideca.gov; liza@consumerwatchdog.org;
kevindaw@aol.com; regaffairs@aol.com; Burns, Gordon@EPA; GinaSoloman@calepa.ca.gov;
Mataka, Arsenio@EPA; grantcope@calepa.ca.gov; Mascarenas, Ana@DTSC; Cope,
Grant@EPA; Solomon, Gina@EPA; Lofstrom, Dot@DTSC; dina.janine@epa.gov;
burgin.deborah@epa.gov

Subject: Re: CCAEJ Letter requesting Dioxin like PCB assessment

Hello,

As an advisor for the Center for Community Action and Environmental Justice, I am again disappointed, that you have not provided a detailed report concerning the Total Dioxin TEQ as requested by today. How can we discuss your conclusions if you never provide any DTSC or EPA directives, DTSC or EPA policies, or any toxicology documents which back your decisions? When you say that Federal EPA concurs, please provide the name of those staff members and their actual statements. What happened to transparency? What happened to environmental justice?

I am requesting an **impartial review** of the Total Dioxin TEQ by OEHHA Toxicologist and Federal EPA Headquarters QSRTI Toxicologist
Marlene Berg.

Sincerely,

Bruce Bailey
CCAIEJ Member/Advisor
B.S. Civil Engineering, Env. Option
Retired Hazardous Materials Management Specialist
Retired County Haz Mat Response Team member
Former Water District Project Engineer

---Original Message---

From: Garcia, Peter@DTSC <Peter.Garcia@dtsc.ca.gov>
To: investhazmat <investhazmat@aol.com>
Cc: cmacduff <cmacduff@PE.com>; penny.newman <penny.newman@ccaej.org>;
jean.kayano <jean.kayano@ccaej.org>; msoubirous <msoubirous@riversideca.gov>;
jburnard <jburnard@riversideca.gov>; pdavis <pdavis@riversideca.gov>; liza
<liza@consumerwatchdog.org>; kevindaw <kevindaw@aol.com>; regaffairs
<regaffairs@aol.com>; Burns, Gordon@EPA <Gordon.Burns@calepa.ca.gov>; Mataka,
Arsenio@EPA <Arsenio.Mataka@calepa.ca.gov>; Mascarenas, Ana@DTSC
<Ana.Mascarenas@dtsc.ca.gov>; burgin.deborah <burgin.deborah@epa.gov>;
Kaufman.hugh <Kaufman.hugh@epa.gov>; Cope, Grant@EPA <Grant.Cope@calepa.ca.gov>;
Solomon, Gina@EPA <Gina.Solomon@calepa.ca.gov>
Sent: Wed, Apr 27, 2016 9:23 pm
Subject: RE: CCAEJ Letter requesting Dioxin like PCB assessment

p.MsoNormal,.aolReplacedBody li.MsoNormal,.aolReplacedBody div.MsoNormal {margin:0in; margin-bottom:.0001pt; font-size:12.0pt; font-family:"Times New Roman","serif";} .aolReplacedBody
p.MsoAcetate,.aolReplacedBody li.MsoAcetate,.aolReplacedBody div.MsoAcetate {mso-style-priority:99;
mso-style-link:"Balloon Text Char"; margin:0in; margin-bottom:.0001pt; font-size:8.0pt; font-

family:"Tahoma","sans-serif";} .aolReplacedBody p.msochpdefault,.aolReplacedBody li.msochpdefault,.aolReplacedBody div.msochpdefault {mso-style-name:msochpdefault; mso-margin-top-alt:auto; margin-right:0in; mso-margin-bottom-alt:auto; margin-left:0in; font-size:12.0pt; font-family:"Times New Roman","serif";} .aolReplacedBody span.emailstyle18 {mso-style-name:emailstyle18;} .aolReplacedBody span.EmailStyle20 {mso-style-type:personal; font-family:"Calibri","sans-serif"; color:#1F497D;} .aolReplacedBody span.BalloonTextChar {mso-style-name:"Balloon Text Char"; mso-style-priority:99; mso-style-link:"Balloon Text"; font-family:"Tahoma","sans-serif";} .aolReplacedBody span.EmailStyle23 {mso-style-type:personal-reply; font-family:"Calibri","sans-serif"; color:#1F497D;} .aolReplacedBody .MsoChpDefault {mso-style-type:export-only; font-family:"Calibri","sans-serif";} @page WordSection1 {size:8.5in 11.0in; margin:1.0in 1.0in 1.0in 1.0in;} .aolReplacedBody div.WordSection1 {page:WordSection1;}
Hello Bruce,

As described below, we are preparing a comprehensive response to your questions. With respect to the PCB congener (Dioxin TEQ) issue you have raised, DTSC has considered this, and has concluded that the sample analysis methodology that is being used is appropriate. In coming to our conclusions, we have consulted with USEPA and they are in agreement. Details will be provided in the aforementioned response that is being prepared. My staff and I will be happy to meet with you as soon as we complete the response, to discuss any outstanding questions you may have. Our goal is to provide the response to you by Monday or Tuesday of next week, and I will contact you as soon as it is ready. Thanks

From: investhazmat@aol.com [<mailto:investhazmat@aol.com>]

Sent: Friday, April 22, 2016 2:03 PM

To: Garcia, Peter@DTSC

Cc: cmacduff@PE.com; penny.newman@ccaej.org; jean.kayano@ccaej.org; msoubirous@riversideca.gov; jburnard@riversideca.gov; pdavis@riversideca.gov; liza@consumerwatchdog.org; kevindaw@aol.com; regaffairs@aol.com; Burns, Gordon@EPA; GinaSoloman@calepa.ca.gov; Mataka, Arsenio@EPA; grantcope@calepa.ca.gov; Mascarenas, Ana@DTSC; burgin.deborah@epa.gov; Kaufman.hugh@epa.gov

Subject: Re: CCAEJ Letter requesting Dioxin like PCB assessment

Peter,

I am extremely concerned that the soil sampling is almost finished for the first phase and that a decision to test for the Dioxin like compounds has not been made; once you analyze and find the Dioxin like Compounds they cannot be ignored. This issue will directly affect all future sampling and add a new Total Dioxin TEQ parameter to the site cleanup requirements. **This issue should be a priority.**

I will be expecting a detailed written reply to Total Dioxin TEQ issue by Wed., Aril 27,2016. It should noted that the original letter was dated Feb. 29,2016.

I would also be expecting to meet with your staff on May 1, 2016 or May 2, 2016 at CCAEJ. It should noted that I requested to meet with your staff; those who formulated the response.

Thank you for your assistance.

Sincerely,

Bruce Bailey
CCAIEJ Member/Advisor
B.S. Civil Engineering, Env. Option
Retired Hazardous Materials Management Specialist

Retired County Haz Mat Response Team member
Former Water District Project Engineer

-----Original Message-----

From: Garcia, Peter@DTSC <Peter.Garcia@dtsc.ca.gov>
To: investhazmat <investhazmat@aol.com>
Cc: cmacduff <cmacduff@PE.com>; penny.newman <penny.newman@ccaej.org>; jean.kayano <jean.kayano@ccaej.org>; msoubirous <msoubirous@riversideca.gov>; jburnard <jburnard@riversideca.gov>; pdavis <pdavis@riversideca.gov>; liza <liza@consumerwatchdog.org>; kevindaw <kevindaw@aol.com>; regaffairs <regaffairs@aol.com>; Burns, Gordon@EPA <Gordon.Burns@calepa.ca.gov>; GinaSoloman <GinaSoloman@calepa.ca.gov>; Mataka, Arsenio@EPA <Arsenio.Mataka@calepa.ca.gov>; grantcope <grantcope@calepa.ca.gov>; Mascarenas, Ana@DTSC <Ana.Mascarenas@dtsc.ca.gov>; Cope, Grant@EPA <Grant.Cope@calepa.ca.gov>; Solomon, Gina@EPA <Gina.Solomon@calepa.ca.gov>
Sent: Fri, Apr 22, 2016 1:08 pm
Subject: RE: CCAEJ Letter requesting Dioxin like PCB assessment

Bruce,

A response to these comments will be provided along with the comprehensive response we are preparing to the other emails you have provided. Unfortunately, I will be out of town next week and will be unavailable to meet with you. I suggest that we provide a written response to all your questions, give you an opportunity to review them, and then schedule a meeting to go over any questions you may have. This would facilitate our discussion at the meeting.

From: investhazmat@aol.cominvesthazmat@aol.com [mailto:investhazmat@aol.com]
Sent: Tuesday, April 19, 2016 5:39 PM
To: Garcia, Peter@DTSC
Cc: cmacduff@PE.comcmacduff@PE.com;
penny.newman@ccaej.orgpenny.newman@ccaej.org;
jean.kayano@ccaej.orgjean.kayano@ccaej.org;
msoubirous@riversideca.govmsoubirous@riversideca.gov;
jburnard@riversideca.govjburnard@riversideca.gov;
pdavis@riversideca.govpdavis@riversideca.gov;
liza@consumerwatchdog.orgliza@consumerwatchdog.org;
kevindaw@aol.comkevindaw@aol.com; regaffairs@aol.comregaffairs@aol.com; Burns, Gordon@EPA; GinaSoloman@calepa.ca.govGinaSoloman@calepa.ca.gov; Mataka, Arsenio@EPA; grantcope@calepa.ca.govgrantcope@calepa.ca.gov; Mascarenas, Ana@DTSC
Subject: Fwd: CCAEJ Letter requesting Dioxin like PCB assessemnt

Dear Mr. Garcia,

Attached is a copy of the letter sent to Director Lee dated Feb. 29,2016. this letter requested the toxicity of the Dioxin like PCB Congeners be computed prior to finalizing a site cleanup levels; **no one has replied to this letter.** It should be noted that each soil sample taken in Dec.,2015 that was tested for PCB Congeners contained levels of the **12 PCB Dioxin like Congeners**(PCB; 77,81,126,169,105, 114,118,123, 156, 157, 167, 189).

Federal EPA Risk Assessment for Dioxin at Superfund Sites Frequently Asked Questions and Answers web page Attachment A list the recommended Toxicity Equivalence Factors for 7 polychlorinated dipenzo-p-dioxins(PCDDs) and Dioxin like

compounds(DLCs) which include 10 Polychlorinated dibenzofurans(PCDFs) and 12 Polychlorinated biphenyl congeners.

Each individual dioxin Toxicity Equivalence(TEQ) is additive to arrive at a Total Dioxin TEQ.
TEQ= the summation of each (individual PCDDs, PCDFs, Dioxin like PCBs sample concentration x TEF for the individual PCDDs, PCDFs, Dioxin like PCBs).

Federal EPA applies the TEFs in assessing for cancer and noncancer effects.

In 2013, 31 soil samples were analyzed for PCDDs and PCDFs; the calculation of the Partial Total Dioxin TEQ,(failed to test for Dioxin like PCBs) **identified 17 samples above the cleanup level set by the consultant and approved by DTSC staff at 4.5 ppt.**

Then in Dec, 2015, 9 soil samples were tested for the 209 PCB congeners which includes the 12 Dioxin Like PCB Congeners but **failed** to test for the PCDDs and PCDFs.
I calculated the Partial Total Dioxin TEQ for the samples, all 9 samples were above the DTSC approved cleanup level of 4.5 ppt.

This changes the ball game.

Also, the Consultants and DTSC staff have never acknowledged that Rohr Industries is the source of the PCB Aroclor 1248 and therefore did not investigate **the contaminated groundwater plume and soil contaminants of concern which have been identified** by the Santa Ana Region WQCB since 1985. It should be noted that DTSC staff has received Riverside City documents that detail that Rohr is the source of the contamination and should have possession of Rohr Federal EPA TSCA documents that state the same conclusion. A high level contaminant found in the groundwater and soil at the Rohr property is a solvent 1,4 Dioxane which had a high probability of being discharged to the Ag Park sewer system from 1952-1963; the **Ag Park soil and groundwater has never been tested for 1,4 Dioxane**. The Ag park soil and groundwater should be tested for the same contaminants located at the Rohr property.

Also, the consultants report indicates that the groundwater flow is NE which is illogical and is contradicted by detailed Riverside County Waste Management groundwater flow diagrams from the old Pedley Landfill adjacent and upstream of the Ag Park and the SWAT that the consultant quotes. This brings into question the chosen locations for the ground monitoring wells; it appears that contaminated groundwater flow would have been missed.

Also, the Pedley Landfill SWAT document and the Santa Ana Region WQCB Rohr contamination documents indicate that there is shallow groundwater and a deeper groundwater which consist of decomposed granite bedrock this contradicts the Ag Park documents.

As an advisor for Center for Community Action and Environmental Justice, I'm am requesting that the above items be addressed with a detailed written reply(including calculations) **prior to any excavation on the Ag Park**. I would like to meet with your staff to review these urgent issues next week at the Center. Please, contact me at 909-709-3180 so we can arrange times.
Thank you for your assistance.

Sincerely,

Bruce Bailey
CCAIEJ Member/Advisor
B.S. Civil Engineering, Env. Option
Retired Hazardous Materials Management Specialist
Retired County Haz Mat Response Team member
Former Water District Project Engineer